ABSTRACT OF THE DISCLOSURE

This invention relates to a device and a method by which to directly measure based on pressure and/or temperature data and to control the flow rate, viscosity, density, velocity, pressure or temperature of a variety of fluids in motion with improved reliability and less susceptibility to disturbance of the measuring and control system while, at the same time, offering maximum flexibility for influencing measurement and control data. Components of the flow meter system are described and the methods for calibrating the system and determining pour volumes are explained.